

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EV351242123US

Applicant : Derek Gates, et al.  
 Application No. : N/A  
 Filed : June 15, 2005  
 Title : POLYMERIZATION OF PHOSPHAALKENES  
 Grp./Div. : N/A  
 Examiner : N/A  
 Docket No. : 55351/DBP/S318

**INFORMATION DISCLOSURE STATEMENT**  
**37 CFR § 1.97(b)**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Post Office Box 7068  
 Pasadena, CA 91109-7068  
 June 15, 2005

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed Foreign Patent Documents and Other Documents are enclosed. Documents listed as "ON ORDER" will be provided upon receipt of the same. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,

CHRISTIE, PARKER &amp; HALE, LLP

By D. Bruce Prout  
 D. Bruce Prout  
 Reg. No. 20,958  
 626/795-9900

DBP/aam

Enclosures: Form PTO/SB/08A/B, w/references

AAM PA86282633 06/15/05 4:34 PM

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HP/

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51/DBP/S318
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	N/A
	Filing Date	June 15, 2005
	Applicant(s)	Derek Gates, et al.
	Group Art Unit	N/A
	Examiner Name	N/A

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
		FR 1,299,992	07-27-1962		
		FR 1,327,030	05-17-1963		
		GB 898,759	06-14-1962		
		GB 906,408 (ON ORDER)	09-19-1962		
		GB 1,021,016	02-23-1966		
		JP 6016508 (ON ORDER)	.....		

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		International Search Report dated 06-28-2004, of corresponding PCT/CA2003/001982
		S. KOBAYASHI, ET AL., "Kinetic Studies on Cationic Ring-Opening Polymerization of 2-Phenyl-1,2-oxaphospholane," Macromolecules 1984, vol. 17, pp. 107-110, XP-002283598
		B. L. LUCHT, ET AL., "Synthesis and characterization of poly(p-phenylenephosphine)s," Chem. Commun., 2000, pp. 2097-2098, XP-002283599
		A. KANAZAWA, ET AL., "Polymeric Phosphonium Salts as a Novel Class of Cationic Biocides. IV. Synthesis and Antibacterial Activity of Polymers with Phosphonium Salts in the Main Chain," Journal of Polymer Science, Part A, Polymer Chemistry, vol. 31, pp. 3031-3038, 1993, XP-002283600

EXAMINER SIGNATURE	/Helen Pezzuto/	DATE CONSIDERED	03/02/2009
--------------------	-----------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51/DBP/S318
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	N/A
	Filing Date	June 15, 2005
	Applicant(s)	Derek Gates, et al.
	Group Art Unit	N/A
	Examiner Name	N/A

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		T. J. PECKHAM, ET AL., (1999) Macromolecules 32:2830-37 (ON ORDER)
		M. A. FOX, ET AL., (1991) Macromolecules 24:4626 (ON ORDER)
		T. C. KLEBACH, ET AL., (1978) J. Am. Chem. Soc. 100:4886-8 (ON ORDER)
		B. PELLERIN, ET AL., (1987) Tetrahedron Letters 28:5811 (ON ORDER)
		L. D. QUIN, ET AL., (1987) Tetrahedron Letters 28:5783-86 (ON ORDER)
		J. R. CHOW, ET AL., (1989) J. Phys. Chem. 93:421-6 (ON ORDER)
		A. C. GAUMONT, ET AL., (1994) J. Chem. Soc. Chem. Commun. 945-6 (ON ORDER)
		R. A.AITKEN, ET AL., (1997) Tetrahedron Letters 38:8417-20 (ON ORDER)
		A. C. GAUMONT, ET AL., (1994) Chem. Rev. 94:1413-39 (ON ORDER)
		T. A. VAN DER KNAPP, ET AL., (1984) Tetrahedron 40:765-5 (ON ORDER)
		O. MUNDT, ET AL., (1986) Z. Anorg. Allg. Chem. 540/541:319-35 (ON ORDER)
		R. APPEL, (1990) "Multiple Bonds ad Low Coordination in Phosphorus Chemistry", Chapter 4 (ON ORDER)
		<del>M. REGITS, ET AL., (EDS), Thieme, Stuttgart</del> (ON ORDER)
		R. APPEL, ET AL., (1984) Angew. Chem., Int. Ed. Engl. 23:895-6 (ON ORDER)
		C-W. TSANG, ET AL., (2002) ORGANOMETALLICS 21:1008-10 (ON ORDER)
		<del>W.L.FARMARESCO, ET AL., "Purification of Laboratory Chemicals" (4ed) Butterworth Press, p. 429</del> (ON ORDER)
		A. F BURCHAT, ET AL., (1997) J. Organomet. Chem. 542:281 (ON ORDER)
		G. VON BECKER, ET AL., (1981) Z. Anorg. Allg. Chem. 479:41 (ON ORDER)

AAM PAS628273.1-\* 06/15/05 4:44 PM

EXAMINER SIGNATURE	/Helen Pezzuto/	DATE CONSIDERED	03/02/2009
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.</p>			